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FILE 'HOME' ENTERED AT 09:02:04 ON 03 FEB 2005

=> file agricola biosis embase caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'AGRICOLA' ENTERED AT 09:02:15 ON 03 FEB 2005

FILE 'BIOSIS' ENTERED AT 09:02:15 ON 03 FEB 2005
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=> s genomic and ACC(w)synthase
L1 100 GENOMIC AND ACC(W) SYNTHASE

=> duplicate remove l1
DUPLICATE PREFERENCE IS 'AGRICOLA, BIOSIS, EMBASE, CAPLUS'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L1
L2 52 DUPLICATE REMOVE L1 (48 DUPLICATES REMOVED)

=> d l2 1-10 ti

L2 ANSWER 1 OF 52 CAPLUS COPYRIGHT 2005 ACS on STN
TI Molecular characterization and isolation of the F/f gene for femaleness in cucumber (Cucumis sativus L.)

L2 ANSWER 2 OF 52 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN DUPLICATE 1
TI Cloning and expression of 1-aminocyclopropane-1-carboxylate synthase cDNA from rosa (RosaXhybrida).

L2 ANSWER 3 OF 52 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN DUPLICATE 2
TI Two apple repetitive sequence elements: Characterisation and potential use as genetic markers.

L2 ANSWER 4 OF 52 CAPLUS COPYRIGHT 2005 ACS on STN
TI Pelargonium ***ACC*** ***synthase*** promoter and transcription regulation in transgenic plants

L2 ANSWER 5 OF 52 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States

of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 3

TI A comparative molecular-physiological study of submergence response in lowland and deepwater rice.

L2 ANSWER 6 OF 52 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN DUPLICATE 4

TI DNA methylation and gene expression differences during alternative in vitro morphogenetic processes in eggplant (Solanum melongena L.).

L2 ANSWER 7 OF 52 CAPLUS COPYRIGHT 2005 ACS on STN

TI Cloning of promoter of banana fruit-specific ***ACC*** ***synthase*** gene and its function

L2 ANSWER 8 OF 52 CAPLUS COPYRIGHT 2005 ACS on STN

TI Cloning and expression of peach 1-aminocyclopropane-1-carboxylate synthase ***genomic*** DNA (pACSG01)

L2 ANSWER 9 OF 52 CAPLUS COPYRIGHT 2005 ACS on STN

TI Structural characterization of ***ACC*** ***synthase*** genes from melon and cucumber and their promoter activities determined by GUS transient assay

L2 ANSWER 10 OF 52 CAPLUS COPYRIGHT 2005 ACS on STN

TI A physical stimulus-inducible promoter pGEL-1 from Vigna radiata AIM-1 gene and its use in gene expression in transgenic plants

=> d l2 4 ibib ab

L2 ANSWER 4 OF 52 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:833341 CAPLUS
DOCUMENT NUMBER: 135:367730
TITLE: Pelargonium ***ACC*** ***synthase*** promoter and transcription regulation in transgenic plants
INVENTOR(S): Ranu, Rajinder S.
PATENT ASSIGNEE(S): Colorado State University Research Foundation, USA; Tagawa Greenhouses, Inc.
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001085754	A1	20011115	WO 2001-US15023	20010509

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2409505 AA 20011115 CA 2001-2409505 20010509
EP 1290009 A1 20030312 EP 2001-933250 20010509
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
US 2004101841 A1 20040527 US 2002-275802 20021109
PRIORITY APPLN. INFO.: US 2000-203021P P 20000509
US 2000-239782P P 20001012
WO 2001-US15023 W 20010509

AB Promoter sequences for geranium (Pelargonium) ***ACC*** ***synthase*** gene are identified in the ***genomic*** clone of PHSacc49. These promoter sequences may provide a means to regulate the level of transcription of a coding sequence in geraniums and other plants. Sense and introduced antisense genes expression can be regulated by the same endogenous promoter to the same extent in transgenic plants. Moreover, as a promoter native to geranium, its activity will be influenced by endogenous and exogenous signals in the same fashion and regulation of ethylene levels in plants would represent a condition that is natural to the plant.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l2 7 ibib ab

L2 ANSWER 7 OF 52 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:461653 CAPLUS
DOCUMENT NUMBER: 136:211497
TITLE: Cloning of promoter of banana fruit-specific ***ACC*** ***synthase*** gene and its function
AUTHOR(S): Wang, Xinli; Peng, Xuexian
CORPORATE SOURCE: Plant Biotechnology Laboratory, Institute of Microbiology, Chinese Academy of Sciences, Beijing, 100080, Peop. Rep. China
SOURCE: Shengwu Gongcheng Xuebao (2001), 17(3), 293-296
CODEN: SGXUED; ISSN: 1000-3061
PUBLISHER: Kexue Chubanshe
DOCUMENT TYPE: Journal
LANGUAGE: Chinese

AB The cloning of promoter of banana fruit-specific ***ACC*** ***synthase*** gene and its function were studied. Based on cDNA sequence of ***ACC*** ***synthase*** gene expressed specifically in banana fruit , the 5'-flanking proximal region of 1197 bp and distal region of 1556 bp via walking on unknown region of ***genomic*** DNA by an adaptor ligation PCR, and a 2591 bp fragment contg. a promoter region of 1505 bp and a transcriptional region of 86 bp was created. The entire 2.5 kb promoter and 5 different 5' deletion variants were fused to the GUS (.beta.-glucuronidase) cDNA sequence and introduced into leaf, root and fruit cells of banana plant via particle bombardment sep. The results of transient gene expression assay indicated that the obtained promoter region could direct fruit-specific gene expression. The regulatory region for fruit-specificity was possibly located in the region from -1111 to +1 and a pos. regulatory region might locate between nucleotide -1111 to -608.

=> s l2 and promoter
L3 16 L2 AND PROMOTER

=> d l3 1-16 ibib

L3 ANSWER 1 OF 16 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN

ACCESSION NUMBER: 2001:47932 AGRICOLA
DOCUMENT NUMBER: IND23211598
TITLE: A comparative molecular-physiological study of submergence response in lowland and deepwater rice.
AUTHOR(S): Straeten, D. van der.; Zhou, Z.; Prinsen, E.; Onckelen, H.A. van.; Montagu, M.C. van.
AVAILABILITY: DNAL (450 P692)
SOURCE: Plant physiology, Feb 2001. Vol. 125, No. 2. p. 955-968
Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
CODEN: PLPHAY; ISSN: 0032-0889
NOTE: Includes references
PUB. COUNTRY: Maryland; United States
DOCUMENT TYPE: Article; Conference
FILE SEGMENT: U.S. Imprints not USDA, Experiment or Extension
LANGUAGE: English

L3 ANSWER 2 OF 16 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN

ACCESSION NUMBER: 2000:9100 AGRICOLA
DOCUMENT NUMBER: IND22019465
TITLE: Characterization of an auxin-inducible 1-aminocyclopropane-1-carboxylate synthase gene, VR-ACS6, of mungbean (Vigna radiata (L.) Wilczek) and hormonal interactions on the ***promoter*** activity in transgenic tobacco.
AUTHOR(S): Yoon, I.S.; Park, D.H.; Mori, H.; Imaseki, H.; Kang, B.G.
CORPORATE SOURCE: Yonsei University, Seoul, Korea.
SOURCE: Plant and cell physiology, Apr 1999. Vol. 40, No. 4. p. 431-438
Publisher: Kyoto, Japan : Japanese Society of Plant Physiologists.
CODEN: PCPHA5; ISSN: 0032-0781
NOTE: Includes references
PUB. COUNTRY: Japan
DOCUMENT TYPE: Article
FILE SEGMENT: Non-U.S. Imprint other than FAO
LANGUAGE: English

L3 ANSWER 3 OF 16 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN

ACCESSION NUMBER: 2000:4780 AGRICOLA
DOCUMENT NUMBER: IND22010390
TITLE: Accumulation of 1-aminocyclopropane-1-carboxylic acid

(ACC) in petunia pollen is associated with expression of a pollen-specific ***ACC*** ***synthase*** late in development.
AUTHOR(S): Lindstrom, J.T.; Lei, C.H.; Jones, M.L.; Woodson, W.R.
CORPORATE SOURCE: University of Arkansas, Fayetteville.
SOURCE: Journal of the American Society for Horticultural Science, Mar 1999. Vol. 124, No. 2. p. 145-151
Publisher: Alexandria, Va. :
ISSN: 0003-1062
NOTE: Includes references
PUB. COUNTRY: United States; Virginia
DOCUMENT TYPE: Article
FILE SEGMENT: U.S. Imprints not USDA, Experiment or Extension
LANGUAGE: English

L3 ANSWER 4 OF 16 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
ACCESSION NUMBER: 97:11551 AGRICOLA
DOCUMENT NUMBER: IND20545379
TITLE: Analysis of LE-ACS3, a 1-aminocyclopropane-1-carboxylic acid synthase gene expressed during flooding in the roots of tomato plants.
AUTHOR(S): Olson, D.C.; Oetiker, J.H.; Yang, S.F.
CORPORATE SOURCE: University of California, Davis, CA.
SOURCE: The Journal of biological chemistry, June 9, 1995. Vol. 270, No. 23. p. 14056-14061
Publisher: Bethesda, Md. : American Society for Biochemistry and Molecular Biology.
CODEN: JBCHA3; ISSN: 0021-9258
NOTE: Includes references
PUB. COUNTRY: Maryland; United States
DOCUMENT TYPE: Article
FILE SEGMENT: U.S. Imprints not USDA, Experiment or Extension
LANGUAGE: English

L3 ANSWER 5 OF 16 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
ACCESSION NUMBER: 93:11389 AGRICOLA
DOCUMENT NUMBER: IND93000867
TITLE: Cloning, genetic mapping, and expression analysis of an Arabidopsis thaliana gene that encodes 1-aminocyclopropane-1-carboxylate synthase.
AUTHOR(S): Straeten, D. van der; Rodrigues-Pousada, R.A.; Villarroel, R.; Hanley, S.; Goodman, H.M.; Montagu, M. van
CORPORATE SOURCE: Universiteit Ghent, Ghent, Belgium
AVAILABILITY: DNAL (500 N21P)
SOURCE: Proceedings of the National Academy of Sciences of the United States of America, Oct 15, 1992. Vol. 89, No. 20. p. 9969-9973 ill
Publisher: Washington, D.C. : The Academy.
CODEN: PNASA6; ISSN: 0027-8424
NOTE: Includes references.

DOCUMENT TYPE: Article
FILE SEGMENT: U.S. Imprints not USDA, Experiment or Extension
LANGUAGE: English

L3 ANSWER 6 OF 16 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
ACCESSION NUMBER: 2003:375149 BIOSIS
DOCUMENT NUMBER: PREV200300375149
TITLE: Two apple repetitive sequence elements: Characterisation and potential use as genetic markers.
AUTHOR(S): Hadonou, A. M. [Reprint Author]; Gittins, J. R.; Hiles, E. R. [Reprint Author]; James, D. J. [Reprint Author]
CORPORATE SOURCE: Plant Breeding and Biotechnology, Horticulture Research International, East Malling, Kent, ME19 6BJ, UK
SOURCE: Euphytica, (2003) Vol. 131, No. 2, pp. 177-187. print.
ISSN: 0014-2336 (ISSN print).
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 13 Aug 2003
Last Updated on STN: 13 Aug 2003

L3 ANSWER 7 OF 16 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
ACCESSION NUMBER: 1993:51321 BIOSIS
DOCUMENT NUMBER: PREV199395027623
TITLE: Cloning, genetic mapping and expression analysis of an Arabidopsis thaliana gene that encodes 1-aminocyclopropane-1-carboxylate synthase.
AUTHOR(S): Van Der Straeten, Dominique; Rodrigues-Pousada, Renato A.; Villarroel, Raimundo; Hanley, Susan; Goodman, Howard M.; Van Montagu, Marc [Reprint author]
CORPORATE SOURCE: Lab. voor Genetica, Universiteit Ghent, K. L. Ledeganckstraat 35, B-9000 Ghent, Belgium
SOURCE: Proceedings of the National Academy of Sciences of the United States of America, (1972) Vol. 89, No. 20, pp. 9969-9973.
CODEN: PNASA6. ISSN: 0027-8424.
DOCUMENT TYPE: Article
Errata; (Correction)
Errata
LANGUAGE: English
ENTRY DATE: Entered STN: 13 Jan 1993
Last Updated on STN: 14 Jan 1993

L3 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:967421 CAPLUS
TITLE: Molecular characterization and isolation of the F/f gene for femaleness in cucumber (Cucumis sativus L.)
AUTHOR(S): Mibus, H.; Tatlioglu, T.
CORPORATE SOURCE: Institute for Floriculture, Tree Nursery Science and Plant Breeding, Section of Applied Genetic, Department of Horticulture, University of Hannover, Hannover, 30419, Germany
SOURCE: Theoretical and Applied Genetics (2004), 109(8), 1669-1676
CODEN: THAGA6; ISSN: 0040-5752
PUBLISHER: Springer GmbH

DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:833341 CAPLUS
DOCUMENT NUMBER: 135:367730
TITLE: Pelargonium ***ACC*** ***synthase*** ***promoter*** and transcription regulation in transgenic plants
INVENTOR(S): Ranu, Rajinder S.
PATENT ASSIGNEE(S): Colorado State University Research Foundation, USA; Tagawa Greenhouses, Inc.
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001085754	A1	20011115	WO 2001-US15023	20010509
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2409505	AA	20011115	CA 2001-2409505	20010509
EP 1290009	A1	20030312	EP 2001-933250	20010509
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2004101841	A1	20040527	US 2002-275802	20021109
PRIORITY APPLN. INFO.:			US 2000-203021P P	20000509
			US 2000-239782P P	20001012
			WO 2001-US15023 W	20010509

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:461653 CAPLUS
DOCUMENT NUMBER: 136:211497
TITLE: Cloning of ***promoter*** of banana fruit-specific ***ACC*** ***synthase*** gene and its function
AUTHOR(S): Wang, Xinli; Peng, Xuexian
CORPORATE SOURCE: Plant Biotechnology Laboratory, Institute of Microbiology, Chinese Academy of Sciences, Beijing, 100080, Peop. Rep. China
SOURCE: Shengwu Gongcheng Xuebao (2001), 17(3), 293-296
CODEN: SGXUED; ISSN: 1000-3061
PUBLISHER: Kexue Chubanshe
DOCUMENT TYPE: Journal

LANGUAGE: Chinese

L3 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:212527 CAPLUS
DOCUMENT NUMBER: 136:1372
TITLE: Structural characterization of ***ACC*** ***synthase*** genes from melon and cucumber and their ***promoter*** activities determined by GUS transient assay
AUTHOR(S): Shiomi, Shinjiro; Ogura, Emi; Yamamoto, Mikihiro; Nakamura, Reinosuke; Kubo, Yasutaka; Inaba, Akitsugu
CORPORATE SOURCE: Dep. Food Lifestyle, Fac. Food Culture, Kurashiki Sakuyo Univ., Japan
SOURCE: Okayama Daigaku Nogakubu Gakujutsu Hokoku (2001), 90, 27-35
CODEN: ODNGAM; ISSN: 0474-0254
PUBLISHER: Okayama Daigaku Nogakubu
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:161453 CAPLUS
DOCUMENT NUMBER: 132:204053
TITLE: A physical stimulus-inducible ***promoter*** pGEL-1 from Vigna radiata AIM-1 gene and its use in gene expression in transgenic plants
INVENTOR(S): Botella Mesa, Jose Ramon; Cazzonelli, Christopher Ian
PATENT ASSIGNEE(S): The University of Queensland, Australia
SOURCE: PCT Int. Appl., 111 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000012714	A1	20000309	WO 1999-AU705	19990831
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2340935	AA	20000309	CA 1999-2340935	19990831
AU 9958391	A1	20000321	AU 1999-58391	19990831
AU 776249	B2	20040902		
PRIORITY APPLN. INFO.:			AU 1998-5572 A	19980831
			WO 1999-AU705 W	19990831

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1998:509292 CAPLUS
DOCUMENT NUMBER: 129:132210
TITLE: Strawberry ***promoters*** and genes for receptacle fruit-specific expression in plants
INVENTOR(S): Conner, Timothy W.
PATENT ASSIGNEE(S): Monsanto Co., USA
SOURCE: PCT Int. Appl., 49 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9831812	A1	19980723	WO 1998-US993	19980120
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2278796	AA	19980723	CA 1998-2278796	19980120
AU 9860311	A1	19980807	AU 1998-60311	19980120
AU 732481	B2	20010426		
EP 973906	A1	20000126	EP 1998-903570	19980120
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 6080914	A	20000627	US 1998-8979	19980120
US 6235482	B1	20010522	US 1999-460618	19991214

PRIORITY APPLN. INFO.: US 1997-36131P P 19970121
US 1998-8979 A3 19980120
WO 1998-US993 W 19980120
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1996:531820 CAPLUS
DOCUMENT NUMBER: 125:160372
TITLE: Broccoli 1-aminocyclopropanecarboxylate (***ACC***) ***synthase*** gene sequence, transgenic plants, and improved shelf-life of broccoli
INVENTOR(S): Boeshore, Maury L.; Deng, Rosaline Z.; Carney, Kim J.; Ruttencutter, Glen E.; Reynolds, John F.
PATENT ASSIGNEE(S): Asgrow Seed Company, USA
SOURCE: PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

WO 9621027		A1	19960711	WO 1995-US7271	19950607
W:	AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ				
RW:	KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9527693		A1	19960724	AU 1995-27693	19950607
AU 709862		B2	19990909		
EP 801681		A1	19971022	EP 1995-923005	19950607
R:	BE, DE, ES, FR, GB, IT, NL				
US 5998702		A	19991207	US 1997-860577	19970922
PRIORITY APPLN. INFO.:				US 1994-366992	A2 19941230
				WO 1995-US7271	W 19950607

L3 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1996:115265 CAPLUS
DOCUMENT NUMBER: 124:167509
TITLE: Red raspberry and strawberry genetic transformation and transgenic plants with increased fruit fungal resistance or viral resistance
INVENTOR(S): Mathews, Helena V.; Bestwick, Richard Keith; Ferro, Adolph J.
PATENT ASSIGNEE(S): Epitope, Inc., USA
SOURCE: PCT Int. Appl., 84 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
WO 9535388		A1	19951228	WO 1995-US7753	19950616
W:	AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, UZ, VN				
RW:	KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5750870		A	19980512	US 1995-384556	19950203
AU 9527059		A1	19960115	AU 1995-27059	19950616
PRIORITY APPLN. INFO.:				US 1994-263900	A 19940617
				US 1995-384556	A 19950203
				WO 1995-US7753	W 19950616

L3 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1994:27246 CAPLUS
DOCUMENT NUMBER: 120:27246
TITLE: Cloning and expression analysis of an Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase gene: pattern of temporal and spatial expression
AUTHOR(S): Rodrigues-Pousada, R. A.; Van der Straeten, D.; Dedonder, A.; Van Montagu, Marc
CORPORATE SOURCE: Lab. Genet., Univ. Gent, Ghent, B-9000, Belg.

SOURCE: Current Plant Science and Biotechnology in Agriculture (1993), 16(Cellular and Molecular Aspects of the Plant Hormone Ethylene), 24-30
CODEN: CPBAE2; ISSN: 0924-1949
DOCUMENT TYPE: Journal
LANGUAGE: English

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L4 1 L3 AND PELARGONIUM

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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:833341 CAPLUS
DOCUMENT NUMBER: 135:367730
TITLE: ***Pelargonium*** ***ACC*** ***synthase*** ***promoter*** and transcription regulation in transgenic plants
INVENTOR(S): Ranu, Rajinder S.
PATENT ASSIGNEE(S): Colorado State University Research Foundation, USA; Tagawa Greenhouses, Inc.
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2001085754	A1	20011115	WO 2001-US15023		20010509
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG					
CA 2409505	AA	20011115	CA 2001-2409505		20010509
EP 1290009	A1	20030312	EP 2001-933250		20010509
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
US 2004101841	A1	20040527	US 2002-275802		20021109
PRIORITY APPLN. INFO.:			US 2000-203021P	P	20000509
			US 2000-239782P	P	20001012
			WO 2001-US15023	W	20010509

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	46.17	46.38